



|   |   |    |   |                        |                    |
|---|---|----|---|------------------------|--------------------|
| Combined Form PTO/SB/08A&B  |   |    |   | Complete if Known      |                    |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | Application Number     | 10/529,399         |
|   |   |    |   | Confirmation Number    | 6741               |
|   |   |    |   | Filing Date            | March 28, 2005     |
|   |   |    |   | First Named Inventor   | Takeshi BAN et al. |
|   |   |    |   | Art Unit               | 2618               |
|   |   |    |   | Examiner Name          | Janelle N. Young   |
| Sheet   | 1 | of | 1 | Attorney Docket Number | 052279             |

| U.S. PATENT DOCUMENTS |                       |                 |                                      |                                |   |
|-----------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|                       |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |

| FOREIGN PATENT DOCUMENTS |                       |                           |                     |                                      |                                |   |                          |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
| /JNY/                    | 1                     | JP                        | 11-119911           |                                      | 04-30-1999                     | Fujitsu Ten Ltd.                                | Abstract                 |
| /JNY/                    | 2                     | JP                        | 2002-007131         |                                      | 01-11-2002                     | Digital Electronics Corp.                       | Abstract                 |
| /JNY/                    | 3                     | JP                        | 11-212726           |                                      | 08-06-1999                     | Omron Corp.                                     | Abstract                 |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |

| NON PATENT LITERATURE DOCUMENTS |                       |  |                          |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
| /JNY/                           | 4                     | Japanese Office Action dated June 20, 2006   | No                       |
| /JNY/                           | 5                     | Japanese Office Action dated June 20, 2006   | No                       |
|                                 |                       |  |                          |
|                                 |                       |  |                          |
|                                 |                       |  |                          |

|                    |                                 |                 |            |
|--------------------|---------------------------------|-----------------|------------|
| Examiner Signature | /Janelle N. Young/ (01/17/2008) | Date Considered | 01/17/2008 |
|--------------------|---------------------------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

NOV 07 2006



|   |                  |                        |        |                          |                    |  |
|---|------------------|------------------------|--------|--------------------------|--------------------|--|
| <b>Combined Form PTO/SB/08A&amp;B</b><br><br><b><u>INFORMATION DISCLOSURE</u></b><br><b><u>STATEMENT BY APPLICANT</u></b><br><br><i>(use as many sheets as necessary)</i> |                  |                        |        | <i>Complete if Known</i> |                    |  |
|   |                  |                        |        | Application Number       | 10/529,399         |  |
|   |                  |                        |        | Confirmation Number      | 6741               |  |
|   |                  |                        |        | Filing Date              | March 28, 2005     |  |
|   |                  |                        |        | First Named Inventor     | Takeshi BAN et al. |  |
|   |                  |                        |        | Art Unit                 | 2618               |  |
| Examiner Name   | Janelle N. Young | Attorney Docket Number | 052279 |                          |                    |  |
| Sheet   | 1                | of                     | 1      |                          |                    |  |

| U.S. PATENT DOCUMENTS |                       |                 |                                      |                                |   |
|-----------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|                       |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |
|                       |                       | US              |                                      |                                |   |

| FOREIGN PATENT DOCUMENTS |                       |                           |                     |                                      |                                |   |                          |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
| /JNY/                    | 1                     | JP                        | 2002-196856         |                                      | 07-12-2002                     | Nokia Mobile Phones Ltd.                        | Yes                      |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |
|                          |                       |                           |                     |                                      |                                |   |                          |

| NON PATENT LITERATURE DOCUMENTS |                       |  |                          |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|                                 |                       |  |                          |
|                                 |                       |  |                          |
|                                 |                       |  |                          |
|                                 |                       |  |                          |
|                                 |                       |  |                          |

|                    |                                 |                 |            |
|--------------------|---------------------------------|-----------------|------------|
| Examiner Signature | /Janelle N. Young/ (01/17/2008) | Date Considered | 01/17/2008 |
|--------------------|---------------------------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

**Complete if Known**

|                        |                           |
|------------------------|---------------------------|
| Application Number     | New Application 10/529399 |
| Filing Date            | March 28, 2005            |
| First Named Inventor   | Takeshi BAN et al.        |
| Art Unit               |                           |
| Examiner Name          |                           |
| Attorney Docket Number | 052279                    |

|       |   |    |   |
|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

|                       |                                 |                    |            |
|-----------------------|---------------------------------|--------------------|------------|
| Examiner<br>Signature | /Janelle N. Young/ (01/17/2008) | Date<br>Considered | 01/17/2008 |
|-----------------------|---------------------------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**